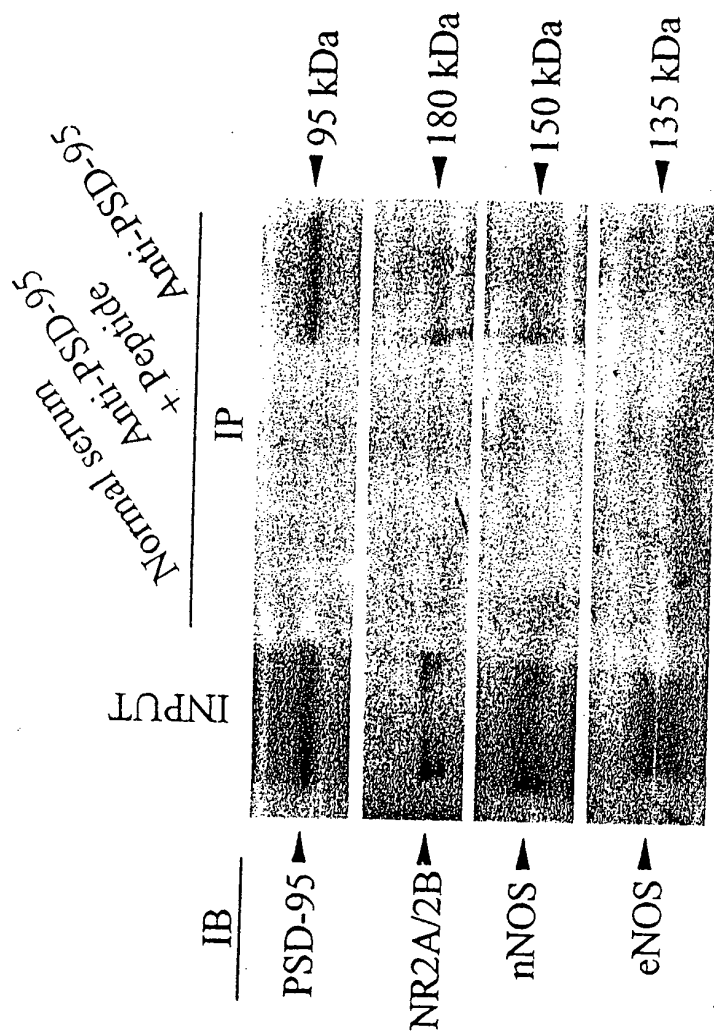


Fig. 1



Fig. 2. Distribution of PSD-95/SAP90 immunoreactivity in lumbar enlargement segments of the spinal cord. The PSD-95/SAP90 immunoreactivity was localized mainly in lamina I and outer lamina II (A). Under high magnification, many PSD-95/SAP90 immunoreactive puncta were observed (B). Scale bars = 200 μ m (A), 40 μ m (B).

Fig. 2

PSD-95 and *N*-methyl-D-aspartate-induced hyperalgesia

Identification of a ternary complex assembled by PSD-95/SAP90 with NR2A/2B and nNOS in the spinal cord neurons. PSD-95/SAP90 antibody co-precipitated not only PSD-95/SAP90 but also NR2A/2B and nNOS. In contrast, eNOS was not immunoprecipitated by PSD-95/SAP90 antibody. Ten micrograms of protein were loaded in INPUT lane and 100 μ g in other lanes.

Fig. 3

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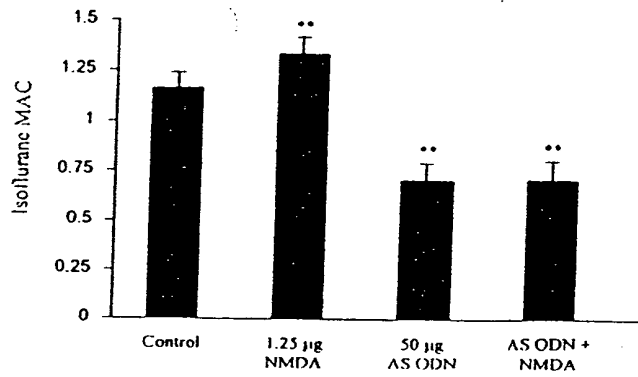


Fig. 4